

ABSTRACT OF THE DISCLOSURE

Digital signals are transmitted on a bus at given instants selectively in a non-encoded format and an encoded format so as to minimize the switching activity on the bus. Given the same value of switching activity, the decision whether to transmit the signals in non-encoded format or in encoded format is taken according to the choice of maintaining constant, without transitions, the value of the additional signal, which signals that encoding of the signals transmitted each time has taken place or has been omitted.

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